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(54) Title: PLAN NUTRIENT BASED ON O,P-ETHYLENE(BIS)HYDROXYPHENYL GLYCINES

(57) Abstract: The invention relates to novel mixtures of N,N'-ethylene-bis(hydroxyphenyl)glycines comprising a mixture of o,pand o,o-isomers, wherein the ratio of o,pto o,o-isomer is higher than 0.8: 1. The novel mixtures have improved characteristics for supplying crop plants with essential metal chelates required as plant nutrients. With the novel mixtures, in particular the short-term supply of metal chelates is improved, while the long term supply is maintained as for known chelating agents comprizing only the o,o-isomer of N,N'-ethylene-bis(hydroxyphenyl)glycine. The invention further refers to metal complexes of the isomer mixture, their use in the field of agriculture as plant nutrient or as component of fertilizers for plants and for treatment of chlorosis in crop plants.

